

Waste Storage Pond (WSP) and Waste Treatment Lagoon (WTL) Evaluation

OPERATOR/OWNER NAME: _____

SITE/FACILITY NAME: _____

ADEM NPDES AFO/CAFO REGISTRATION NUMBER: ALA _____

LOCATION (TOWNSHIP, RANGE, SECTION): _____

LAT./LONG. OF WSP OR WTL: _____

COUNTY: _____ WSP _____ WTL _____ DATE CONSTRUCTED _____

NEAREST SURFACE WATER OR WATERBODY: _____ APPROX. _____ FT.

NEAREST WELL: _____ FT. LOCATED (UP, DOWN) GRADIENT

NEAREST PROPERTY LINE: _____ FT.

	YES	NO
1. Did NRCS provide design and construction assistance for the WSP or WTL?	<input type="checkbox"/>	<input type="checkbox"/>
2. If (1) is YES, was the liner or soil surface installed according to NRCS standards that were applicable at the time of construction?	<input type="checkbox"/>	<input type="checkbox"/>
3. If (1) is YES, was the WSP or WTL construction documented and certified by NRCS as meeting the standards that were applicable at the time of construction?	<input type="checkbox"/>	<input type="checkbox"/>
4. Does the storage and/or treatment volume(s) in the WSP or WTL meet the NRCS standard that was applicable at the time of construction?	<input type="checkbox"/>	<input type="checkbox"/>
5. Does the storage and/or treatment volume(s) in the WSP or WTL meet the current NRCS standard?	<input type="checkbox"/>	<input type="checkbox"/>
6. Are the animal units on-hand more than 10% greater than what was used in the design of the WSP or WTL?	<input type="checkbox"/>	<input type="checkbox"/>
7. Does it appear that the WSP or WTL has been maintained to have a minimum of 1ft. of freeboard?	<input type="checkbox"/>	<input type="checkbox"/>
8. Does the WSP or WTL have an emergency by-pass (earthen or pipe) in place to safely bypass runoff without overtopping the embankment?	<input type="checkbox"/>	<input type="checkbox"/>
9. Trees and woody vegetation are present on the embankment. (If so, estimate percent coverage, and maximum diameter in COMMENTS section.)	<input type="checkbox"/>	<input type="checkbox"/>

	YES	NO
10. Is the earthen embankment covered with vegetation (grass) to control erosion and being properly maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11. Does the earthen embankment show signs of irregularity that would indicate a slope failure or excessive settlement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Does the earthen embankment show signs of leakage on the back slope or immediately down gradient of the embankment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Has the embankment been modified without concurrence by a QCP? (If so, describe modifications in COMMENTS section.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Have burrowing animals or livestock caused any damage to the embankment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Is the embankment fenced?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16. Are warning signs posted?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17. Have pipes been installed through the embankment that could cause a piping failure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. Is a permanent gauge or marker in place to visually identify the maximum operating level of the WSP or WTL?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
19. Is there a permanent gauge or marker to visually identify the minimum treatment volume level of the WTL?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
20. Is there any evidence that the liner or soil surface treatment for the WSP or WTL has been damaged?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Is there any other noticeable liquid waste leakage at the facility? (If yes, explain in COMMENTS section.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Is there any evidence that there is a groundwater or surface water concern? (If yes, explain in COMMENTS section. Attach water analysis if available.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23. Is there any evidence of a recent discharge?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
24. Does there appear to be excessive amounts of sludge or floating matter present that would interfere with the proper operation of the WSP or WTL?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

COMMENTS: _____

The Natural Resources Conservation Service has completed this evaluation and to the best of my knowledge, all information herein is true and correct.

RESOURCE ENGINEER

DATE OF EVALUATION